



## MATERIAL SAFETY DATA SHEET

### 1. Product and Company Identification

Material name	BRULIN 1990 GD
Product number	301008
Revision date	05-Jan-2006
Company information	Brulin & Company, Inc. P.O. Box 270 Indianapolis, IN 46206 US www.Brulin.com
Emergency	CHEMTREC 1-800-424-9300
General information	Phone: 317-923-3211 Fax: 317-925-4596

### 2. Hazards Identification

**Emergency overview** CAUTION: EYE AND SKIN IRRITANT.  
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Potential short term health effects**

<b>Eyes</b>	Contact with eyes may cause irritation.
<b>Skin</b>	Health injuries are not known or expected under normal use. Prolonged and/or repeated skin contact may result in mild irritation or redness.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.

### 3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
Sodium Tripolyphosphate	7758-29-4	< 10

### 4. First Aid Measures

**First aid procedures**

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
<b>Skin contact</b>	Wash off with soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Give several glasses of water to dilute contents of stomach and call a physician.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire Fighting Measures

**Extinguishing media**

**Suitable extinguishing media** Use any media suitable for the surrounding fires.

### 6. Accidental Release Measures

**Methods for cleaning up** Soak up with inert absorbent material. Shovel into suitable container for disposal.

### 7. Handling and Storage

<b>Handling</b>	Handle and open container with care.
<b>Storage</b>	Keep at temperatures between 4 and 43°C.

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

**Eye / face protection** Avoid contact with eyes. Wear safety glasses with side shields. Goggles. or Face-shield.

**Skin protection** Protective gloves.

**Respiratory protection** No personal respiratory protective equipment normally required. A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Wash hands before breaks and immediately after handling the product.

## 9. Physical & Chemical Properties

Appearance	Not available
Clarity	Not available
Color	water white
Form	Liquid.
Odor	mild
Odor threshold	Not available
Physical state	Liquid
pH	11 - 11.6
Melting point	Not available
Freezing point	Not available
Boiling point	212 °F
Flash point	> 212 °F Pensky-Martens Closed Cup
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	17
Vapor density	0.6
Specific gravity	1.068
Relative density	Not available
Solubility (H <sub>2</sub> O)	100 %
Octanol/H <sub>2</sub> O coeff	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
VOC (Weight %)	0 %

## 10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Do not freeze.
Incompatible materials	Strong acids. and oxidizing agents

## 11. Toxicological Information

Acute effects	Acute LD50: 39998 mg/kg, Rat, Oral
Further information	This product has no known adverse effect on human health.

## 12. Ecological Information

Ecotoxicity	This material is not expected to be harmful to aquatic life.
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## 13. Disposal Considerations

**Disposal instructions**

Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

## 14. Transport Information

**Department of Transportation (DOT) Requirements**

Not regulated as dangerous goods.

**Department of Transportation (DOT) Requirements NON-BULK**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical      Yes

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance**      No

**Section 311 hazardous chemical**      No

**International regulations**

The product does not need to be labelled in accordance with EC directives or respective national laws.

## BRULIN 1990 GD

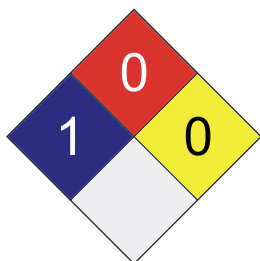
Product number: 301008

### 16. Other Information

HMIS rating

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



**Prepared date**

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.